

Commencement Order of Ceremony

PROCESSIONAL

NATIONAL ANTHEM

WELCOME AND OPENING REMARKS

Michael F. Collins, MD
Chancellor, University of Massachusetts Medical School

GREETINGS

Kerri Osterhaus-Houle, MD
University of Massachusetts Board of Trustees

REMARKS

Martin Meehan, JD
President, University of Massachusetts

PRESENTATION OF HONORARY DEGREES

Victor Grifols Roura
Patricia K. Donahoe, MD
Valerie Montgomery Rice, MD

COMMENCEMENT ADDRESS

Valerie Montgomery Rice, MD
President and Dean, Morehouse School of Medicine

AWARDING OF DEGREES

GRADUATE SCHOOL OF NURSING
Joan M. Vitello, PhD, RN, NEA-BC, FAHA, FAAN, Dean
Class Address, Michele Kennedy Griswold

GRADUATE SCHOOL OF BIOMEDICAL SCIENCES

Anthony Carruthers, PhD, Dean
Class Address, Brian Joseph Quattrochi

SCHOOL OF MEDICINE

Terence R. Flotte, MD, Dean
Celia and Isaac Haidak Professor of Medical Education
Class Address, Jessica Rose Long

OATH OF MAIMONIDES

RECESSIONAL

PLEASE REMAIN SEATED UNTIL THE PLATFORM PARTY, FACULTY AND GRADUATES HAVE LEFT THE TENT.



Ceremony Participants

MACEBEARER

Deborah Harmon Hines, PhD

FACULTY MARSHALS

Timothy Gibson, MD, and Jesica Pagano-Therrien, PhD, RN, CPNP

STUDENT MARSHALS

Cynthia Theresa Thompson, GSN, and Rebecca Lee Riding, GSBS
Steven Tirro Em, SOM '18, and Michael Charles Kiritsty, SOM '19

PRESENTERS

GRADUATE SCHOOL OF NURSING

Janet Fraser Hale, PhD, RN, FNP

GRADUATE SCHOOL OF BIOMEDICAL SCIENCES

Kendall L. Knight, PhD

SCHOOL OF MEDICINE

Sonia Nagy Chimienti, MD

HOODERS

GRADUATE SCHOOL OF NURSING

Master's: Susan Feeney, DNP, FNP-BC, NP-C, and Mary Elizabeth Sullivan, DNP, ANP-BC, ACNP-BC

DNP: Jean E. Boucher, PhD, RN, ANP-BC, AOCNP, and Kenneth S. Peterson, PhD, RN, FNP-BC

PhD: Jean E. Boucher, PhD, RN, ANP-BC, AOCNP, and Carol Boua, PhD, RN, ANP

James Allen Fain, PhD, RN, BC-ADM, FAAN, and Nancy S. Morris, PhD, ANP-BC

Donna J. Perry, PhD, RN

GRADUATE SCHOOL OF BIOMEDICAL SCIENCES

Mary Ellen Lane, PhD; Brian Lewis, PhD; and Mentors of the Graduates

SCHOOL OF MEDICINE

Frank J. Domino, MD, and Learning Community Mentors

ORGANIST

Julie A. Jonassen, PhD

VOCALISTS

Kendra A. Vanderualk and Krysten L. Kruger

PROCESSIONAL:

Johann Sebastian Bach, opening march from an academic festival cantata, arranged for organ by
M. Kenneth Wolf, MD, Professor of Cell Biology, 1970-2008

Keynote Speaker

Valerie Montgomery Rice, MD

Dr. Valerie Montgomery Rice is the sixth president of Morehouse School of Medicine (MSM) in Atlanta, Georgia, and the first woman to lead the free-standing medical institution. A renowned infertility specialist and researcher, she provides a valuable combination of experience at the highest levels of patient care and medical research, as well as organizational management and public health policy.

A dedicated philanthropist, Dr. Montgomery Rice strongly believes in utilizing her leadership roles to give back to the community, particularly to promote healthcare equity and advance the educational opportunities available to underrepresented youth. Under her leadership, MSM embraces a new vision to lead the creation and advancement of health equity. She has nearly doubled the number of medical students and secured more than \$70 million in institution funding, capital projects and scholarships to further diversify Georgia's healthcare professionals.

Dr. Montgomery Rice has received numerous accolades, including the National Coalition of 100 Black Women—Women of Impact; YWCA—Women of Achievement, in both Atlanta (2014) and Nashville (2007); American Medical Women's Association Elizabeth Blackwell Medal; and Working Mother Media Multicultural Women's Legacy Award.

Dr. Montgomery Rice was born in Macon, Georgia where she lived with three sisters and her hardworking, single mother. After suffering from and overcoming osteomyelitis, she began excelling in school and was eventually awarded academic scholarships to attend the Georgia Institute of Technology. Following her undergraduate career, she received her medical degree from Harvard Medical School, completed her residency training in obstetrics and gynecology at Emory University School of Medicine and her fellowship in reproductive endocrinology and infertility at Hutzel Hospital in Detroit, Michigan.

Dr. Montgomery Rice began her career in medicine at the University of Kansas School of Medicine, Henry Ford Medical Center and Meharry Medical College, where she founded and directed the Center for Women's Health Research, one of the nation's first research centers devoted to studying diseases that disproportionately impact women of color. She returned to Georgia in 2011 as dean and executive vice president of Morehouse School of Medicine.

Dr. Montgomery Rice has been married to her fellow Georgia Institute of Technology alumnus, Melvin Rice, Jr., for 25 years. They have two children.

Honorary Degree Recipients

Victor Grifols Roura

Victor Grifols Roura is non-executive chairman and proprietary director of Grifols, S. A., which embraces as its mission to improve people's health and well-being. The company was founded by Mr. Grifols' grandfather, father and uncle in 1940, at the end of the Spanish civil war, in response to their experience helping in the blood bank during the war.

In 1973, after earning a business administration degree from the University of Barcelona, Mr. Grifols joined the company as an export manager; he succeeded his father as CEO in 1985. As a result of his strategic vision, Grifols has grown from a local Spanish biologics company into a global biopharmaceutical company which sells a wide range of biologics, diagnostic and hospital products in over 100 countries. On January 1, 2017, Mr. Grifols turned over the day-to-day management of the company to his youngest brother Raimon and son Victor and assumed his current position.



The 2014 outbreak of Ebola in Liberia brought MassBiologics and Grifols together because of their shared mission and technology. The old Chinese proverb about giving a poor man a fish vs. teaching him to fish governed Mr. Grifols' commitment to making technology available in West Africa. Working with UMass to get access to the appropriate government and infrastructure personnel enabled Grifols to take their treatment idea and run with it. Having donated mobile lab facilities, they are training Liberians how to use them and will then hand over the keys and equipment.

Mr. Grifols is responsible for developing the non-commercial activities of the company. The *Víctor Grífols i Lucas Foundation* is a respected resource on bioethical issues, its main mission being to act as a platform for the exchange of different perspectives on the complicated ethics and bioethics issues that profoundly affect modern society.

Working with local populations, the *Probitas Foundation* promotes and finances much-needed services, engineering support, laboratory equipment, and other tangible assets and resources to improve healthcare in areas of the world that suffer from a lack of economic and technology resources.

The primary mission of the *José Antonio Grifols Lucas Foundation* is to support education and health programs that improve the well-being of individuals who donate their plasma at Grifols' donation centers throughout the United States.

Patricia Donahoe, MD

Patricia K. Donahoe, MD, serves as Director of the Pediatric Surgical Research Laboratories and Chief Emerita of Pediatric Surgical Services at Massachusetts General Hospital, where she has worked virtually her entire career, and as the *Marshall K. Bartlett Professor of Surgery* at Harvard Medical School.

Dr. Donahoe grew up in the town of Braintree where she was an indifferent young student. Her father was a medic in WWII and always had an interest in medicine, but medicine as a vocation didn't register with her until she was about 12 or 13 and underwent emergency surgery. She got to know her physician well, and it was then she felt her first inkling of interest in medicine.

In high school, she was more interested in sports than anything else, and subsequently, attained her Bachelor of Science degree in Physical Education, a discipline which includes many pre-medical courses, from Boston University, where she currently serves on the Board of Trustees. As a result, she became sincerely interested in medicine. After graduating, she taught for two years at Indiana University and took all of the other pre-med courses she hadn't taken as an undergraduate.

Dr. Donahoe received her MD from Columbia University College of Physicians and Surgeons, one of 10 women in her class of 120. With her husband and their two children, she moved back to the Boston area where she was fortunate to get a residency at Tufts, trained in general surgery, and was the first woman and first chief resident in their surgical program. There were no women in the department of surgery at MGH when she arrived, but with the help of mentors, she became a meticulous surgeon, built a surgical practice and reveled in laboratory work.

As a pediatric surgeon, Dr. Donahoe deals with birth defects, and she became interested in Mullerian Inhibiting Substance as a potential anticancer agent against human ovarian carcinomas and the genetics of sex differentiation and other congenital anomalies, for which she has been steadily funded by the NIH.

She has trained over 100 fellows who now hold significant academic positions around the world, published over 230 peer-reviewed publications, and holds 12 patents. She is a member of the National Academy of Sciences, the American Academy of Arts and Sciences, and the National Academy of Medicine.

The Classes of 2017

Graduate School of Nursing

Master of Science

Lynn Arthur	Rebecca Krieger *
Jessica Marie Ashman *	Natalia Krzyzanowski *
Tracy Beckman *	Cheryl Kurtz
Heather L. Beckner *	Alan Kwan
Rachel Meyer Bensen * ^b	Chantelle LaMountain *
Anthony Bueno *	Raileigh Lavin *
Ashley Burke *	Sarrin E. List
Lisa Cioffari-Bailiff *	Michelle Margolis
Kamrie Costello * ^b	Kimberly Lyn Marsh *
Kathryn Romaine Crawford *	Emily Rose Martin *
Kathryn Elizabeth DiFiore	Nicholas Merry
Kasia S. Dodman	Hannah Mitchell *
Hilary Marie Dulin	Elizabeth Kaylin Moorghen *
Susan Clare Emmerling *	Ania Moradkhani *
Linda Ann Facci *	Amanda Jean Murray *
Melanie Ann Faust *	Rebecca Ogumbo
Rachel Fields *	Naomi K. Pappas *
Alicia M. Filewicz *	Lauren Philbrick
Richard William Gallagher * ^b	James Quaicoe
Sonali Ashok Gandhi *	Jamie Noelle Reid *
Celina May Georgia *	Ana Ronderos *
Sarah Glaser	Christina M. Rowland *
Diana Gurske *	Stephanie Salvi *
Stephany Boafo Gyasi *	Christian B. Sikora *
Krystina Mary Habib *	Rebecca Silva *
Timothy Hilton	Caille Louise Souza * ^b
Emily C. Howieson *	Joana Sun *
Christina Lynn Janssens *	Estela Trebicka *
Sarina Kimball *	Briana Karen Wise *
Katherine S. Knapp	Lauren Zancewicz *



Doctor of Nursing Practice

Stephanie M. Colman-Brochu *

Mary Margaret Fortunato-Habib *

Kathleen Marie Kasper *

PhD in Nursing

Akwasi Agyemang Duah

Mentor: Donna J. Perry, PhD, RN

DISSERTATION: LIVED EXPERIENCE OF CAREGIVERS OF
RELATIVES WITH ALCOHOL AND OPIATE DEPENDENCE

Helen M. Flaherty *

Mentor: Jean E. Boucher, PhD, RN, ANP-BC, AOCNP
DISSERTATION: INFORMAL CAREGIVERS' EXPERIENCE DURING
ACUTE EXACERBATION OF COPD IN OLDER ADULTS

Stephanie Alisha Griggs *

Mentor: Carol A. Bova, PhD, RN, ANP

DISSERTATION: THE RELATIONSHIP BETWEEN HOPE, CORE
SELF-EVALUATIONS, EMOTIONAL WELL-BEING, SEXUAL RISK-
TAKING, SUBSTANCE USE AND ACADEMIC PERFORMANCE IN
FRESHMAN UNIVERSITY STUDENTS

Michele Kennedy Griswold *

Mentor: Donna J. Perry, PhD, RN

DISSERTATION: EXPERIENCES OF RACISM AND BREASTFEEDING
INITIATION AND DURATION AMONG FIRST-TIME MOTHERS OF
THE BLACK WOMEN'S HEALTH STUDY

Nancy C. O'Rourke

Mentor: Nancy S. Morris, PhD, ANP-BC

DISSERTATION: POLITICAL EFFICACY AND PARTICIPATION OF
NURSE PRACTITIONERS

Susan O'Hara Sullivan *

Mentor: Donna J. Perry, PhD, RN

DISSERTATION: MACROCOGNITION IN THE HEALTH CARE BUILT
ENVIRONMENT (M-HCBE): A FOCUSED ETHNOGRAPHIC STUDY
OF 'NEIGHBORHOODS' IN A PEDIATRIC INTENSIVE CARE UNIT

*SIGMA THETA TAU INTERNATIONAL NURSING HONOR SOCIETY

↳ RURAL HEALTH SCHOLARS PATHWAY

PATHWAY STUDENTS, SELECTED AFTER A COMPETITIVE APPLICATION PROCESS,
ARE RESPONSIBLE FOR COMPLETING ADDITIONAL CURRICULAR REQUIREMENTS
ABOVE-AND-BEYOND THEIR DEGREE PROGRAM.

*Kathryn Romaine Crawford is being hooded by her husband, School of Medicine
graduate Benjamin Colby Crawford; Krystina Mary Habib is being hooded by
her mother, PhD graduate Mary Margaret Fortunato-Habib; and Mary Margaret
Fortunato-Habib, by her daughter, MS graduate Krystina Mary Habib.*



Award Recipients

CHANCELLOR'S AWARD

Mary Margaret Fortunato-Habib

DEAN'S AWARD FOR OUTSTANDING SCHOLARSHIP

Stephanie Alisha Griggs

MARY K. ALEXANDER ACADEMIC ACHIEVEMENT AND LEADERSHIP AWARD

Kaileigh Lavin

ACADEMIC ACHIEVEMENT AND LEADERSHIP AWARD

Melanie Ann Faust

OUTSTANDING NURSE PRACTITIONER STUDENT IN CRITICAL CARE AWARD

Sarina Kimball

JANET McCUE MAGNER AWARD

Emily C. Howieson

MARY KINNEAR RAYMOND AWARD

Kimberly Lyn Marsh

LUCIE D. RUSSELL BRIEFCASE AWARD

Kasia S. Dodman

Hilary Marie Dulin

Caille Louise Souza

Graduate School of Biomedical Sciences

PLEASE NOTE: STUDENTS ARE HOODED IN GROUPS ACCORDING TO THEIR MENTORS. SEE PAGE 11 FOR THE ORDER OF HOODING.

Master of Science in Clinical Investigation

Melissa L. Anderson

Mentor: Douglas M. Ziedonis, MD, MPH

**DISSERTATION: BARRIERS AND FACILITATORS TO DEAF
TRAUMA SURVIVORS' HELP-SEEKING BEHAVIOR: LESSONS FOR
BEHAVIORAL CLINICAL TRIALS RESEARCH**

Patricia Anne McQuilkin, MD

Mentor: Ann M. Moormann, PhD, MPH

**DISSERTATION: CHARACTERIZATION OF SEVERE MALARIA IN
LIBERIAN CHILDREN 5 YEARS OLD AND YOUNGER**

Charles Michael Psinos, MD

Mentor: Heena Pravin Santry, MD

**DISSERTATION: PREDICTORS OF POST-INJURY
MORTALITY IN ELDERLY PATIENTS WITH TRAUMA**

Doctor of Philosophy

Daniel John Amante

Mentor: David M. Harlan, MD

**DISSERTATION: EVALUATING ACCEPTABILITY, FEASIBILITY
AND EFFICACY OF A DIABETES CARE SUPPORT PROGRAM
FACILITATED BY CELLULAR-ENABLED GLUCOSE METERS**

Naunil Banerjee

Mentor: Michael M. Francis, PhD

**DISSERTATION: TEMPORAL ORGANIZATION OF BEHAVIORAL
STATES THROUGH LOCAL NEUROMODULATION IN *C. ELEGANS***

Bianca Lana Bautista

Mentor: Susan L. Swain, PhD

**DISSERTATION: THE ROLE OF LATE ANTIGEN IN CD4 MEMORY
T CELL FORMATION DURING INFLUENZA INFECTION**

Robin Leigh Brese

Mentor: Paul R. Clapham, PhD

**DISSERTATION: TISSUE COMPARTMENTALIZATION AND
TROPISM OF HIV-1**

Thomas C. Burdett

Mentor: Marc R. Freeman, PhD

**DISSERTATION: AXON DEATH PATHWAYS CONVERGE ON AXED TO
PROMOTE AXON DISASSEMBLY**

Stephen Matthew Carpenter

Mentor: Samuel M. Behar, MD, PhD

**DISSERTATION: MEMORY CD8+ T CELL FUNCTION DURING
MYCOBACTERIUM TUBERCULOSIS INFECTION**

Michael Ian Carr

Mentor: Stephen N. Jones, PhD

**DISSERTATION: THE ROLE OF MDM2 PHOSPHORYLATION IN
P53 RESPONSES TO DNA DAMAGE AND TUMOR SUPPRESSION**

Sourav Roy Choudhury

Mentor: Miguel Sena-Esteves, PhD

**DISSERTATION: DEVELOPING AN ADENO-ASSOCIATED VIRAL
VECTOR (AAV) TOOLBOX FOR CNS GENE THERAPY**

Matthew Robert Costa

Mentor: Shan Lu, MD, PhD

**DISSERTATION: FC RECEPTOR-MEDIATED ACTIVITIES OF
ENV-SPECIFIC MONOCLONAL ANTIBODIES GENERATED FROM
HUMAN VOLUNTEERS RECEIVING A DNA PRIME-PROTEIN
BOOST HIV VACCINE**

Jennifer Lynne Cotton

Mentor: Junhao Mao, PhD

**DISSERTATION: REQUIREMENT AND FUNCTION OF
HIPPO PATHWAY SIGNALING IN THE MAMMALIAN
GASTROINTESTINAL TRACT**



Sezin Dagdeviren

Mentor: Jason K. Kim, PhD

DISSERTATION: THE EFFECTS OF INTERLEUKIN-10 ON SKELETAL MUSCLE INSULIN RESISTANCE AND MYOGENESIS

Melissa Guildford Derner

Mentor: Andrew R. Tapper, PhD

DISSERTATION: SEX, DRUGS, AND RODENT REWARD: AN EXPLORATION OF THE SEX-SPECIFIC ROLES OF NICOTINIC ACETYLCHOLINE RECEPTORS IN ETHANOL REWARD

Laura Marie Deveau

Mentor: Francesca Massi, PhD

DISSERTATION: CHARACTERIZING THE DISORDER IN TRISTETRAPROLIN AND ITS CONTRIBUTION TO POST-TRANSCRIPTIONAL GENE REGULATION

Tyler Wayne Doughty

Mentor: Jennifer A. Benanti, PhD

DISSERTATION: LEVELS OF YCG1 LIMIT CONDENSIN FUNCTION DURING THE CELL CYCLE

Michelle Lynne Dubuke

Mentor: Mary Munson, PhD

DISSERTATION: THE EXOCYST SUBUNIT SEC6 INTERACTS WITH ASSEMBLED EXOCYTIC SNARE COMPLEX

Caroline Mary Duffy

Mentor: Brian Anthony Kelch, PhD

DISSERTATION: STRUCTURAL MECHANISMS OF THE SLIDING CLAMP AND THE SLIDING CLAMP LOADER: INSIGHTS INTO DISEASE AND FUNCTION

Glen Ray Gallagher

Mentor: Robert W. Finberg, MD

DISSERTATION: VIRUSES IMPLICATED IN THE INITIATION OF TYPE 1 DIABETES AFFECT β CELL FUNCTION AND ANTIVIRAL INNATE IMMUNE RESPONSES

Diane Lynn Golebiowski

Mentor: Miguel Sena-Esteves, PhD

DISSERTATION: OVERCOMING TOXICITY FROM TRANSGENE OVEREXPRESSION THROUGH VECTOR DESIGN IN AAV GENE THERAPY FOR GM2 GANGLIOSIDOSIS

Alisha Marie Gruntman

Mentor: Terence R. Flotte, MD

DISSERTATION: A TRANSLATIONAL PATHWAY FOR RECOMBINANT ADENO-ASSOCIATED VIRUS HUMAN GENE THERAPY: FROM TARGET IDENTIFICATION AND ANIMAL MODELING OF THE DISEASE TO NON-HUMAN PRIMATE AND HUMAN STUDIES

Dwijit Guha Sarkar

Mentor: Miguel Sena-Esteves, PhD

DISSERTATION: A WALK ON THE FINE LINE BETWEEN REWARD AND RISK: AAV-IFN-BETA GENE THERAPY FOR GLIOBLASTOMA

Ting-Hao Huang

Mentor: Carlos Lois, MD, PhD

DISSERTATION: A SYNTHETIC GENETIC SYSTEM TO INVESTIGATE BRAIN CONNECTIVITY AND GENETICALLY MANIPULATE INTERACTING CELLS

Yung-Chi Huang

Mentor: Mark Alkema, PhD

DISSERTATION: BEHAVIORAL AND FUNCTIONAL ANALYSIS OF A CALCIUM CHANNELOPATHY IN CAENORHADITIS ELEGANS

Chien-Min Hung

Mentor: David A. Guertin, PhD

DISSERTATION: MTORC2 PROMOTES LIPID STORAGE AND SUPPRESSES THERMOGENESIS IN BROWN ADIPOSE TISSUE IN PART THROUGH AKT-INDEPENDENT REGULATION OF FOXO1

Hui-Fang Hung

Mentor: Stephen J. Doxsey, PhD

DISSERTATION: ROLES OF THE MOTHER CENTRIOLE APPENDAGE PROTEIN CENEXIN IN MICROTUBULE ORGANIZATION DURING CELL MIGRATION AND CELL DIVISION

Li Jiang

Mentor: Daniel N. Bolon, PhD

DISSERTATION: SYSTEMATIC EXPERIMENTAL DETERMINATION OF FUNCTIONAL CONSTRAINTS ON PROTEINS AND ADAPTIVE POTENTIAL OF MUTATIONS

Hatem Elif Kamber

Mentor: Andreas Bergmann, PhD

DISSERTATION: REGULATION OF THE DROSOPHILA INITIATOR CASPASE DRONC THROUGH UBIQUITYLATION



Ebru Kaymak

Mentor: Sean P. Ryder, PhD

DISSERTATION: UNDERSTANDING THE SEQUENCE-SPECIFICITY AND RNA TARGET RECOGNITION PROPERTIES OF THE OOCYTE MATURATION FACTOR, OMA-1, IN *CAENORHABDITIS ELEGANS*

Sara Lynn Lewandowski

Mentor: Chinmay M. Trivedi, MD, PhD

DISSERTATION: HISTONE DEACETYLASE 3 COORDINATES HEART DEVELOPMENT THROUGH STAGE-SPECIFIC ROLES IN CARDIAC PROGENITOR CELLS

Yihang Li

Mentor: Vivian Budnik, PhD

DISSERTATION: MECHANISMS OF SYNAPTIC DEVELOPMENT AND PREMATURE AGING IN *DROSOPHILA*

Kuan-Hung Lin

Mentor: Celia A. Schiffer, PhD

DISSERTATION: VIRAL PROTEASES AS DRUG TARGETS AND THE MECHANISMS OF DRUG RESISTANCE

Shao-Hsien Liu

Mentor: Kate L. Lapane, PhD

DISSERTATION: IMPACT OF INTRA-ARTICULAR INJECTION USE ON PATIENT-REPORTED OUTCOMES AMONG PATIENTS WITH KNEE OSTEOARTHRITIS

Leyuan Ma

Mentor: Michael R. Green, MD, PhD

DISSERTATION: TARGETING DRUG RESISTANCE IN CHRONIC MYELOID LEUKEMIA

Timothy David Matheson

Mentor: Paul D. Kaufman, PhD

DISSERTATION: CAF-1 p150 AND Ki-67 REGULATE NUCLEAR STRUCTURE THROUGHOUT THE HUMAN CELL CYCLE

So Yun Min

Mentor: Silvia Corvera, MD

DISSERTATION: THE ORIGIN OF HUMAN WHITE, BROWN AND BRITE/BEIGE ADIPOCYTES

Minwoo Nam

Mentor: John F. Keaney, MD

DISSERTATION: ROLE OF ENERGY METABOLISM IN THE THERMOGENIC GENE PROGRAM

Samantha Grace Palace

Mentor: Jon D. Goguen, PhD

DISSERTATION: PLAGUE AND THE DEFEAT OF MAMMALIAN INNATE IMMUNITY: SYSTEMATIC GENETIC ANALYSIS OF *YERSINIA PESTIS* VIRULENCE FACTORS

Victoria Elizabeth Pedanou

Mentor: Michael R. Green, MD, PhD

DISSERTATION: IDENTIFICATION OF NOVEL PATHWAYS THAT PROMOTE ANOKIIS THROUGH GENOME-WIDE SCREENS

Debra Ann Ragland

Mentor: Celia A. Schiffer, PhD

DISSERTATION: MORE THAN COMPENSATORY: THE STRUCTURAL BASIS OF DRUG RESISTANCE IN THE HIV-1 PROTEASE

Emily Sarah Christine Rittershaus

Mentor: Christopher M. Sassetti, PhD

DISSERTATION: IDENTIFICATION OF ESSENTIAL METABOLIC AND GENETIC ADAPTATIONS TO THE QUIESCENT STATE IN *MYCOBACTERIUM TUBERCULOSIS*

Ozlem Senol-Cosar

Mentor: Michael P. Czech, PhD

DISSERTATION: A ROLE FOR TNMD IN ADIPOCYTE DIFFERENTIATION AND ADIPOSE TISSUE FUNCTION

Meetu Seth

Mentor: Craig C. Mello, PhD

DISSERTATION: FUNCTIONS OF ARGONAUTE PROTEINS IN SELF VERSUS NON-SELF RECOGNITION IN THE *C. ELEGANS* GERMLINE

Sally Elizabeth Trabucco

Mentor: Hong Zhang, PhD

DISSERTATION: THE SMURF2-YY1-C-MYC AXIS IN THE GERMINAL CENTER REACTION AND DIFFUSE LARGE B CELL LYMPHOMA

Jennifer Joy VanOudenhove

Mentor: Gary S. Stein, PhD

DISSERTATION: MECHANISMS REGULATING EARLY MESENDODERMAL DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS

Jessica Leigh Weatherbee

Mentor: Alonzo H. Ross, PhD

DISSERTATION: EXPLOITING DNA REPAIR AND ER STRESS RESPONSE PATHWAYS TO INDUCE APOPTOSIS IN GLIOBLASTOMA MULTIFORME



Sijia Wu

Mentor: Haley E. Melikian, PhD

**DISSERTATION: NOVEL MECHANISMS REGULATING DOPAMINE
TRANSPORTER ENDOCYTIC TRAFFICKING: ACK1-CONTROLLED
ENDOCYTOSIS AND RETROMER-MEDIATED RECYCLING**

Joseph Chrispin Yawé

Mentor: Michael P. Czech, PhD

**DISSERTATION: MACROPHAGES ARE REGULATORS OF WHOLE
BODY METABOLISM**

Award Recipients

CHANCELLOR'S AWARD

Kasmir Ramo

DEAN'S AWARD FOR THE MOST INSIGHTFUL DOCTORAL THESIS RESEARCH

Hatem Elif Kamber

Yihang Li

Order of Hooding

DOCTOR OF PHILOSOPHY

Daniel John Amante	Kuan-Hung Lin
Naonil Banerjee	Shao-Hsien Liu
Stephen Matthew Carpenter	Timothy David Matheson
Sourav Roy Choudhury	Minwoo Nam
Jennifer Lynne Cotton	Samantha Grace Palace
Sezin Dagdeviren	Emily Sarah Christine Rittershaus
Melissa Guildford Derner	Ozlem Senol-Cosar
Laura Marie Deveau	Joseph Chrispin Yawé
Michelle Lynne Dubuke	Meetu Seth
Caroline Mary Duffy	Sally Elizabeth Trabucco
Alisha Marie Gruntman	Jessica Leigh Weatherbee
Yung-Chi Huang	Sijia Wu
Hui-Fang Hung	Ting-Hao Huang
Li Jiang	Sara Lynn Lewandowski
Hatem Elif Kamber	Leyuan Ma
Ebru Kaymak	Victoria Elizabeth Pedanou
Yihang Li	Jennifer Joy VanOudenhove

School of Medicine

Graduate School of Biomedical Sciences

Doctor of Medicine/Doctor of Philosophy

Thomas Edward Akie

Mentor: Marcus P. Cooper, MD

**DISSERTATION: REGULATION OF METABOLISM BY
HEPATIC OXPHOS**

Joshua TsuKang Chang

Mentor: David Paydarfar, MD

**DISSERTATION: FLIPPING BIOLOGICAL SWITCHES: SOLVING FOR
OPTIMAL CONTROL**

Natasha Hannah Dolgin

*Mentors: Adel Bozorgzadeh, MD
and Fredrick Anderson, PhD*

**DISSERTATION: FRAILTY AND OUTCOMES IN
LIVER TRANSPLANTATION**

Caitlin Elizabeth Fogarty

Mentor: Andreas Bergmann, PhD

**DISSERTATION: DEATH IS NOT THE END: A ROLE FOR
EXTRACELLULAR ROS IN DRIVING APOPTOSIS-INDUCED
PROLIFERATION IN *DROSOPHILA MELANOGASTER***

Gillian Jean Griffith

Mentor: Robin E. Clark, PhD

**DISSERTATION: CONTRACEPTIVE UTILIZATION AND
DOWNSTREAM FETO-MATERNAL OUTCOMES FOR WOMEN WITH
SUBSTANCE USE DISORDERS**

Anouch Matevossian

Mentor: Michael P. Czech, PhD

**DISSERTATION: ENDOTHELIAL-DRIVEN INFLAMMATION
IN METABOLIC DISEASE**

Gregory Michael Orlowski

Mentor: Kenneth L. Rock, MD

**DISSERTATION: CATHOSIS: CATHEPSINS IN PARTICLE-INDUCED
INFLAMMATORY CELL DEATH**

Brian Joseph Quattrochi

Mentor: Brian Lewis, PhD

**DISSERTATION: SUBTLE CONTROLLERS: MICRORNAs DRIVE
PANCREATIC TUMORIGENESIS AND PROGRESSION**

Kasmir Ramo

Mentor: Roger J. Davis, PhD

**DISSERTATION: JUN KINASES IN HEMATOPOIESIS, AND
VASCULAR DEVELOPMENT AND FUNCTION**

Order of Hooding

Thomas Edward Akie

Brian Joseph Quattrochi

Natasha Hannah Dolgin

Joshua TsuKang Chang

Caitlin Elizabeth Fogarty

Gillian Jean Griffith

Anouch Matevossian

Gregory Michael Orlowski

Kasmir Ramo

School of Medicine

Doctor of Medicine

BLACKSTONE HOUSE

Mentor: Michael Ennis, MD
Head of House

Zachary Christo Demma
Jennifer Ellen Fishbein
Joshua Harris Litchman
Christian M. Rose
Valerie Joy Valant ^{ga}

Mentor: Sonia Nagy Chimienti, MD

Leah DeCoste
Sarah J. Fine
Casey Hamilton *
Jennifer Marie Kane *
Jacob Mathew Koshy ^b
Caroline Jane Royer ^{gab}
Katherine Michele Tang
Justin Vaida ^g

Mentor: William (Jerry) A. Durbin, MD

Jeffrey Martin Brady *^g
Emily Howe
Gregory Edward Keeffe *
Daniel Patrick Lindstrom
Nicholas A. Lunig *
Hazel Linn Marecki
Noreen Chioma Okwara ^{ga}
Rachel Patel ^{ga}

Mentors: Cynthia A. Ennis, DO
Joyce S. Rosenfeld, MD

Guyu Du
Omar Hadzipasic ^c
Kasey Meagan Hebert ^g
Geeda Michelle Houranich ^{*g}
Sae Jin John Oh ^c

Justin David Pespisa ^g
Julia Arons Siegel ^{ga}
Rayna Lin Trietsch
Amrit Vaidyanath Vinod *

Mentors: Sharmilee Bansal Korets, MD
Hugh J. Silk, MD
Rebecca Spanagel, MD
No graduates in 2017

BURNCOAT HOUSE

Mentor: David S. Hatem, MD
Head of House

Rebecca Katherine Angoff *
Samuel Goldman
Sydney Beth Greenberg ^g
Natalia Kyriazidis
Shakti Aishwarya Nochur
Elizabeth Dahlee Yuan

Mentor: Jennifer Austin Bram, MD

Caroline Bancroft
Gregory Harkins Foos *
Ella Kiperwasser
Matthew Ross Spring *

Mentor: Lisa Gussak, MD
Jasmine Anil Khubchandani *
Wei-Che C. Ko
Theodore Wong Mooncai ^c

Bowen Qiu
Vanessa Ethel Rooney
Elizabeth Ann Rosen ^{gb}
Caroline Yang

Mentors: Matthew E. McGuiness, MD, MEd
Jennifer Dunbar Moodie, MD
Peggy W. Wu, MD
No graduates in 2017



CKELLEY HOUSE

*Mentor: Phillip Fournier, MD
Head of House*

Elizabeth Baratta

Dinah Rashel Gorelik

Yeugeniya Harrington

Jeffrey C. Larnard

Naomi Elka Malam

Jonathan Eitan Miller *

Diana Kang Ong

Xingyue Wang

Mentor: Angela Beeler, MD

Rebecca Jean Droms

Michael Patrick Flynn

Sarah Hoffman Fulco

Mark Andrew Fusunyan *g

Rachel LeBlanc

Patrick Lockhart McGuire *

Simona Nedelcu

Mentor: James B. Broadhurst, MD

Solange Bayard ga

Geneva Anne DeGregorio *c

Angela L. Landerholm

Christopher Patrick Libby

Bailey Gill McGuinness

James Barrett Nightingale II

Jeremy David Vincent

Mentor: Sarah McGee, MD

Modupeola Diyaolu

David McCarthy

Sarah Elizabeth McGowan

Abtin Shahanaghi

Kathleen Elizabeth Singer

Molly Amory Storer *

Taylor Robert Young

QUINSIGAMOND HOUSE

*Mentor: Diane R. Blake, MD
Head of House*

Mary Patricia Cavanaugh *

Max Devon Hazeltine

Jessica Rose Long 9

Martha Ellen Luitje

Tyler James Mehegan *

Haley McNulty Newman ga

Michael George Noujaim

Mentor: Erin E. Barlow, MD

Aqib Farrakh Chaudhry

Benjamin Colby Crawford *

Christina Anastasia Kunycky

Kristen Richard

Alyse Wheelock a

Andrew James Wilbur *a

Lauren Elizabeth Woo b

Mentor: Glenn R. Kershaw, MD

Cecilia Magdalena Bahamón a

John Andrew Bostrom a

Dongqi Liu

Diandra Marie Lucia

Courtney Marie Temple 9

Eric James Wilsterman, Jr.

Mentor: W. Peter Metz, MD

Cassandra Ann Doucet

Andrew Dowd 9

Robert Andrew Martin

Adriana Maria Polisano

Michaela Sara Tracy

Mentor: David A. Kane, MD

No graduates in 2017



TATNUCK HOUSE

Mentor: Pang-Yen Fan, MD
Head of House

Molly Anne Cook ^{gb}
Michelle Lynne Gillespie
Lev Gorfinkel ^{*}
Michael Joseph Maddaleni, Jr.
Evan Elizabeth Pagano
John C. Sooy, Jr.

Mentor: Nancy E. Bennet, MD

David Matthew Balyozian
Arielle Ann Filiberti ^b
Nicole J. Koulisis ^a
Sara Margalit Rosenbaum ^{*}

Daniel Lawrence Warden
Joseph Russell Young

Mentor: Timothy Gibson, MD

Patrick José Alvarado
Hannah Abigail Hoerner ^a
Viswanath Ramaswamy

* ALPHA OMEGA ALPHA HONOR MEDICAL SOCIETY – RECOGNITION FOR ACADEMIC ACHIEVEMENT

^g GOLD HUMANISM HONOR SOCIETY – RECOGNITION BY THEIR PEERS AS EXEMPLARS OF HUMANISM

^a GLOBAL HEALTH PATHWAY

^b RURAL HEALTH SCHOLARS PATHWAY

^c CLINICAL AND TRANSLATIONAL RESEARCH PATHWAY

PATHWAY STUDENTS, SELECTED AFTER A COMPETITIVE APPLICATION PROCESS, ARE RESPONSIBLE FOR COMPLETING ADDITIONAL CURRICULAR REQUIREMENTS ABOVE-AND-BEYOND THEIR FOUR-YEAR MEDICAL DEGREE PROGRAM.

The following graduates are being hooded by faculty family members: Rebecca Katherine Angoff, by her mother Christine Angoff, in loving memory of her father Richard H. Angoff, MD; Solange Bayard, by her father Kern Jean Bayard, MD; Benjamin Colby Crawford, by his wife Kathryn Romaine Crawford; Arielle Ann Filiberti, by her father Allan W. Filiberti, MD; Sara J. Fine, by her parents Robert W. Finberg, MD, and Joyce D. Fingeroth, MD; Sydney Beth Greenberg, by her father Elliot B. Greenberg, MD; Jacob Mathew Koshy, by his mother-in-law Dolly Geevarghese, MD; Diandra Marie Lucia, by her husband James A. Ashley, PhD; Caroline Jane Royer, by her father William E. Royer, Jr., PhD; Rayna Lin Trietsch, by her father Howard G. Trietsch, MD; and Joseph Russell Young, by his father Edwin Russell Young, DO.

Kate J. Stanton

Mentor: Thomas F. Halpin, MD

Tedi Begaj ^{*}
Alexander Paul Boardman ^{*c}
Jorge Fink ^g
Aimee Collette Kobjack ^b
Thanh Thu Ngo ^a
Minh Phan

Mentor: Christine O. MacGinnis, DO

No graduates in 2017

BRIGHTWOOD HOUSE

UMMS-Baystate Health, Springfield, MA
Established 2016

Mentors: Samuel Huntington Borden, MD

Eric Churchill MD, MPH, MSc
Elizabeth Eagleson, MD
Jacqueline Wu, MD

No graduates in 2017



Student Award Recipients

CHANCELLOR'S AWARD

Geneva Anne DeGregorio

THE LEONARD TOW HUMANISM IN MEDICINE AWARD PRESENTED BY THE ARNOLD P. GOLD FOUNDATION

Jessica Rose Long

JOHN S. EFSTATHIOU MEMORIAL AWARD

Casey Hamilton

Nicholas A. Lunig

Patrick Lockhart McGuire

Tyler James Mehegan

Katherine Michele Tang

Courtney Marie Temple

Michaela Sara Tracy

KRISTEN M. ETENSOHN MEMORIAL AWARD FOR MEDICAL EXCELLENCE THROUGH ADVOCACY, ART AND ATHLETICS

Valerie Joy Valant

ANN NEMITZ MEMORIAL AWARD

Molly Anne Cook

Gillian Jean Griffith

SARAH L. STONE MEMORIAL AWARD

Sydney Beth Greenberg

GARY D. WINZELBERG, MD '74, MEMORIAL AWARD

Zachary Christo Demma

JACOB BREM PEDIATRIC AWARD

Michaela Sara Tracy

MARIANNE FELICE ADOLESCENT HEALTH AWARD

Kate J. Stanton

AARON LAZARE AWARD FOR PSYCHIATRY

Mark Andrew Fusunyan

Taylor Robert Young

DEPARTMENT OF MEDICINE AWARD: OUTSTANDING

PERFORMANCE IN MEDICINE

Geneva Anne DeGregorio

DEPARTMENT OF MEDICINE AWARD: OUTSTANDING

CLINICAL PERFORMANCE IN MEDICINE

Rachel LeBlanc

DEPARTMENT OF NEUROLOGY AWARD:

DISTINCTION IN THE STUDY OF NEUROLOGY

Simona Nedelcu

EXCELLENCE IN OBSTETRICS & GYNECOLOGY AWARD

Christina Anastasia Kunycky

UMASS SURGICAL SOCIETY AWARD FOR EXCELLENCE IN STUDENT CLINICAL PERFORMANCE

Gregory Edward Keefe

UMASS SURGICAL SOCIETY AWARD FOR EXCELLENCE IN SURGICAL EDUCATION

Jeffrey Martin Brady

ASSOCIATION OF ACADEMIC SURGERY STUDENT RESEARCH AWARD

Jasmine Anil Khubchandani

EXCELLENCE IN PUBLIC HEALTH AWARD

Jessica Rose Long

NEW ENGLAND PEDIATRIC SOCIETY AWARD

Lev Gorfinkel

SOCIETY FOR ACADEMIC EMERGENCY MEDICINE EXCELLENCE IN EMERGENCY MEDICINE AWARD

Courtney Marie Temple

MASSACHUSETTS MEDICAL SOCIETY SCHOLARS AWARD FOR ACADEMIC EXCELLENCE

Jorge Finke

Jessica Rose Long

Michael George Noujaim

Courtney Marie Temple



AMERICAN MEDICAL WOMEN'S ASSOCIATION AWARD

Rebecca Katherine Angoff
Mary Patricia Cavanaugh
Geneva Anne DeGregorio
Cassandra Ann Doucet
Geeda Michelle Houranieh
Jennifer Kane
Jasmine Anil Khubchandani
Haley McNulty Newman

Evan Elizabeth Pagano
Kristen Richard
Sara Margalit Rosenbaum
Molly Amory Storer
Katherine Michele Tang
Courtney Marie Temple
Michaela Sara Tracy
Elizabeth Dahlee Yuan

Faculty Award Recipients

THE LEONARD TOW HUMANISM IN MEDICINE AWARD

Babak Mouahedi, MD, PhD

OUTSTANDING CLINICAL MEDICAL EDUCATORS

Mitchell A. Cahan, MD
Frank J. Domino, MD
William (Jerry) A. Durbin, MD
Pang-Yen Fan, MD
Susan B. Gagliardi, PhD
Timothy Gibson, MD
Uljay R. Vanguri, MD

OUTSTANDING HOUSE OFFICERS

Brandon E. Colvin, MD
Michael R. Gagnier, MD
Gregory Leslie, MD
Marcus U. Ortega, MD

Class Gift

At UMass Medical School, it is an annual tradition for the graduating class to leave a legacy for those who follow them. The School of Medicine Class of 2017 has chosen to honor their educational experience by sponsoring the white coats that members of the Class of 2021 will receive at their White Coat Ceremony in September to mark the beginning of their medical journey. This gift links the shared destiny of our alumni and future medical students. The Class Gift is a very special way to begin a lifelong tradition of giving back to UMass Medical School. We express our sincere gratitude to those students who generously contributed to the 2017 Class Gift Campaign.



Oath of the School of Medicine Class of 2017

At the end of their second year of classes, when students have been in clinical settings and had time to reflect on what it means to be a physician, they compose an oath to define the “essential principles they wish to live by as physicians.”

May I walk into each patient's room with fresh eyes and worn soles.

May I bear in mind that my patients' health includes their social, psychological and spiritual well-being.

May I provide treatment through education as well as intervention.

May I give care to complement the work my patients already do to sustain themselves.

May I acknowledge that my privilege as a physician could cause me to overlook others' hardships.

May I utilize my position in society to make health sustainable for my community.

May I be cautious of convention and hone my craft with the spark of innovation.

May I appreciate that my knowledge is the endowment of my predecessors, and may I add my own discoveries.

May I respect my patients' decisions even if they would not be my own.

May I find inspiration in the woven threads that make up my patients' lives.

May I have the courage to voice my mistakes and be supportive of others in the same endeavor.

May I recognize that collaboration with my colleagues may be in my patients' best interest.

May I have the humility to ask for help.

May I seek an arrangement of work and life that enriches both.

PRESENTED AT THE SECOND YEAR OATH CEREMONY ON MARCH 4, 2015.



Oath of Maimonides

Thy eternal providence has appointed me to watch over the life and health of my fellow human beings. May the love for my art actuate me at all times; may neither avarice nor miserliness, nor thirst for glory, or for great reputation engage my mind; for the enemies of truth and philanthropy could easily deceive me and make me forgetful of my lofty aim of doing good to my patients. May I never see in the patient anything but a fellow creature in pain. Grant me strength, time and opportunity, always to correct what I have acquired, always to extend its domain; for knowledge is immense and the spirit of man can extend infinitely to enrich itself daily with new requirements. Today we can discover our errors of yesterday, and tomorrow we may obtain a new light on what we think ourselves sure of today.

I have been appointed to watch over the life and death of my fellow human beings. Here am I ready for my vocation, and now I turn unto my calling.



University of Massachusetts Worcester Mace

The University of Massachusetts Worcester mace was designed, etched and milled in 2010 by machine technology students from Worcester Technical High School, under the guidance of their faculty members Michael Hurley and Brian Cummings.

Symbols of authority and power, maces were originally hand weapons designed for use against armor. Topped by a brass finial, the University of Massachusetts Worcester mace has the University Seal etched in brass and framed by mahogany-stained cedar as a focal point. Below the seal, and offset by Corian disks, is a brass hexagon engraved on three sides with the names of the three University of Massachusetts Worcester schools – School of Medicine, Graduate School of Biomedical Sciences and Graduate School of Nursing. All of this sits atop a four-foot cedar staff. Materials for the mace were donated by local businesses.

The mace is traditionally borne by a distinguished faculty member, this year, by Deborah Harmon Hines, PhD, 2016 recipient of the Chancellor's Award for Distinguished Service.

Academic Costume

The style of academic dress most frequently worn in the United States dates back to colonial times and is heavily influenced by European practices and styles. It was formally adopted near the end of the 19th century, when it was chosen as appropriate attire by the American Intercollegiate Commission. It has remained the general standard in America since, although some variations occur at individual institutions.

Doctoral gowns are traditionally black and carry three velvet bands around each sleeve above the elbow. Increasingly, American universities have adopted their own color for their doctoral gowns. Hoods are the most distinctive feature of American academic dress. They are lined with the colors of the institution awarding the degree and faced with the color designating the degree awarded. Thus, the procession can resemble a rainbow of colors. The soft velvet tam is the preferred style of cap worn with the doctor's gown.

Among the academic institutions represented by our faculty today are Boston College, Boston University, Brandeis, Brown, Cambridge, College of the Holy Cross, Columbia, Florida International, Harvard, Johns Hopkins, Kent State, King's College London, McGill, Michigan State, Mt. Sinai School of Medicine, New York Medical College, Stanford, Tufts, Weill Cornell Medical College, Yale, and the universities of California, Cincinnati, Florida, Maryland, Nebraska, New England, New York, Rhode Island, and Utah.

The hoods of our graduates are lined with maroon and white, signifying the University of Massachusetts, and faced with apricot for nursing, blue for philosophy and green for medicine. Faculty hood colors again represent institutions across the country and around the world.

University of Massachusetts
Board of Trustees

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Charles F. Wu of Newton

**Student Trustee*

University of Massachusetts Medical School

Named Professorships and Recipients

Endowed chairs and professorships established through the generosity of individuals, families, trusts and foundations play a key role in the future success and growth of an academic institution. These cherished faculty positions help attract and retain distinguished teachers, scientists, scholars and clinicians, who are among the most outstanding in their fields. Through such concrete and visible expressions of support, benefactors help the University fulfill its mission, and those faculty chosen to hold these positions are proud to participate in the Commencement ceremony, identified by medallions suspended from maroon ribbons.

Harry M. Haidak Professorship in Surgery

DEMETRIUS E. M. LITWIN, MD, MBA

Celia and Isaac Haidak Professorship in Medical Education

TERENCE R. FLOTTE, MD

Richard M. Haidak Professorship in Medicine

ROBERT W. FINBERG, MD

Irving S. and Betty Brudnick Chair in Psychiatry

ANTHONY J. ROTHSCHILD, MD

William and Doris Krupp Professorship in Medicine

DAVID M. HARLAN, MD

Dr. John Meyers Professorship in Primary Care Medicine

JERRY H. GURWITZ, MD

George F. Booth Chair in the Basic Sciences

GEORGE B. WITMAN III, PHD

Eleanor Eustis Farrington Chair in Cancer Research

RECIPIENT TO BE SELECTED

Arthur M. Pappas, MD, Chair in Orthopedics

DAVID C. AYERS, MD

H. Arthur Smith Chair in Cancer Research

ROGER J. DAVIS, PHD

Vitold Arnett Professorship in Cell Biology

THORU PEDERSON, PHD

Edward Budnitz, MD, Professorship in Cardiovascular Medicine

JOEL M. GORE, MD

David J. Frelander Professorship in AIDS Research

JEREMY LUBAN, MD

Gerald L. Haidak, MD, and Zelda S. Haidak Professorship in Cell Biology

ALLAN S. JACOBSON, PHD

Lambi and Sarah Adams Chair in Genetic Research

MICHAEL R. GREEN, MD, PHD

Barbara and Nathan Greenberg Chair in Biomedical Research

RECIPIENT TO BE SELECTED

Gladys Smith Martin Chair in Oncology

RECIPIENT TO BE SELECTED

Barbara Helen Smith Chair in Preventive and Behavioral Medicine

JUDITH K. OCKENE, PHD

Higgins Family Professorship in Neuroscience

STEVEN M. REPPERT, MD

David J. and Barbara D. Milliken Professorship in Preventive Cardiology

IRA S. OCKENE, MD

Arthur F. and Helen P. Koskinas Professorship in Biochemistry and Molecular Pharmacology

C. ROBERT MATTHEWS, PHD

Blais University Chair in Molecular Medicine

CRAIG C. MELLO, PHD

Robert M. and Shirley S. Siff Chair in Autism

JEAN A. FRAZIER, MD



Gretchen Stone Cook Chair in Biomedical Sciences

PHILLIP D. ZAMORE, PHD

Leo P. and Theresa M. LaChance Chair in Medical Research

ROBERT H. BROWN JR., DPHIL, MD

Ali and John Pierce Chair in Pediatric Hematology/Oncology

PETER E. NEWBURGER, MD

Joy McCann Professorship for Women in Medicine

TIFFANY A. MOORE SIMAS, MD, MPH, MED

Isadore and Fannie Foxman Chair in Medical Research

MICHAEL P. CZECH, PHD

Silberman Chair in Natural Sciences

VICTOR R. AMBROS, PHD

Penelope Booth Rockwell Chair in Biomedical Research

GUANGPING GAO, PHD

Mary C. DeFeudis Chair in Biomedical Research

JOHN F. KEANEY JR., MD

Melvin S. and Sandra L. Cutler Chair in Biomedical Research

CATARINA I. KIEFE, MD, PHD

Dr. Eileen L. Berman and Stanley I. Berman Foundation Chair in Biomedical Research

DALE L. GREINER, PHD

Myles J. McDonough Chair in Rheumatology

ELLEN M. GRAVILLESE, MD

The Endowed Chair in Diabetes Research

SILVIA CORVERA, MD

Worcester Foundation for Biomedical Research Chair

VIVIAN BUDNIK, PHD

UMass Memorial Health Care Chair in Biomedical Research

KATHERINE RUIZ DE LUZURIAGA, MD

Worcester Foundation for Biomedical Research Chair II

GYONGYI SZABO, MD, PHD

The Stoddard Chair of Pediatrics

MARY M. LEE, MD

Pillar Chair in Biomedical Research

DOUGLAS T. GOLENBOCK, MD

Arthur F. Koskinas Chair in Neuroscience

JOEL D. RICHTER, PHD

Worcester Foundation for Biomedical Research Chair III

KATHERINE A. FITZGERALD, PHD

Timothy S. and Elaine L. Peterson Chair in Rheumatology

JONATHAN KAY, MD

The University of Massachusetts Medical School, one of five campuses of the University system, comprises the School of Medicine, the Graduate School of Biomedical Sciences, the Graduate School of Nursing, a thriving research enterprise and an innovative public service initiative, Commonwealth Medicine. Its mission is to advance the health of the people of the commonwealth through pioneering education, research, public service and health care delivery with its clinical partner, UMass Memorial Health Care. In doing so, UMass Medical School has built a reputation as a leader in primary care education and a world-class research institution.

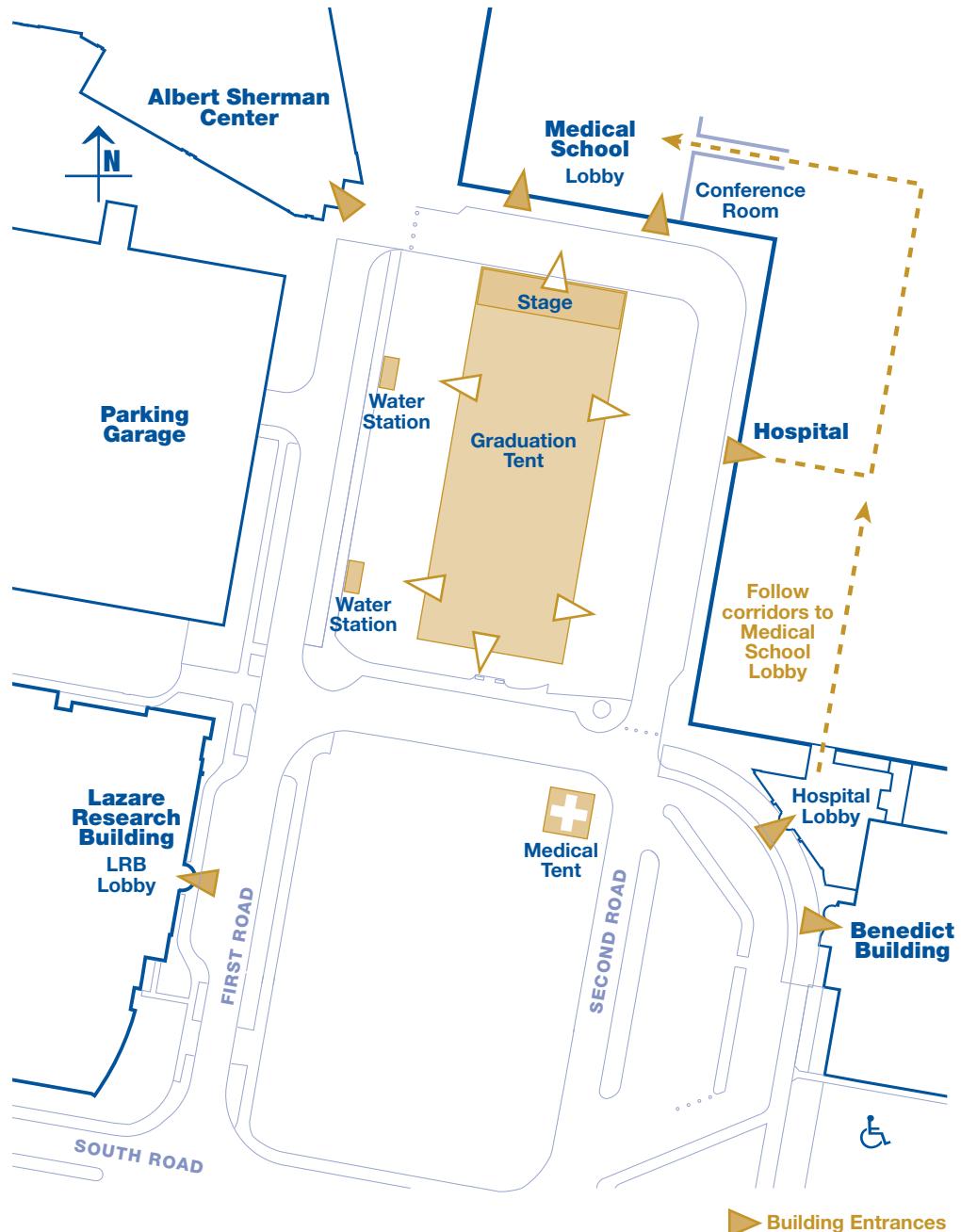
In 2006, UMass Medical School professor Craig C. Mello, PhD, Howard Hughes Medical Institute Investigator and the Blais University Chair in Molecular Medicine, was awarded the Nobel Prize in Physiology or Medicine, along with colleague Andrew Z. Fire, PhD, of Stanford University, for their discoveries related to RNA interference (RNAi).

The 2013 opening of the Albert Sherman Center ushered in a new era of biomedical research and education on campus. Designed to maximize collaboration across fields, the Sherman Center is home to scientists pursuing novel research in emerging scientific fields with the goal of translating new discoveries into innovative therapies for human diseases.

University of Massachusetts Medical School

Campus Map

In case of emergency, enter the closest building unless otherwise instructed.



This book is not an official record of graduation from the University of Massachusetts Medical School. The degrees are officially granted on the date ending the academic quarter in which the degree requirements are completed.